

# AF Combat ID

## Enterprise Integration Team

---

*America's Air Force - No One Comes Close*



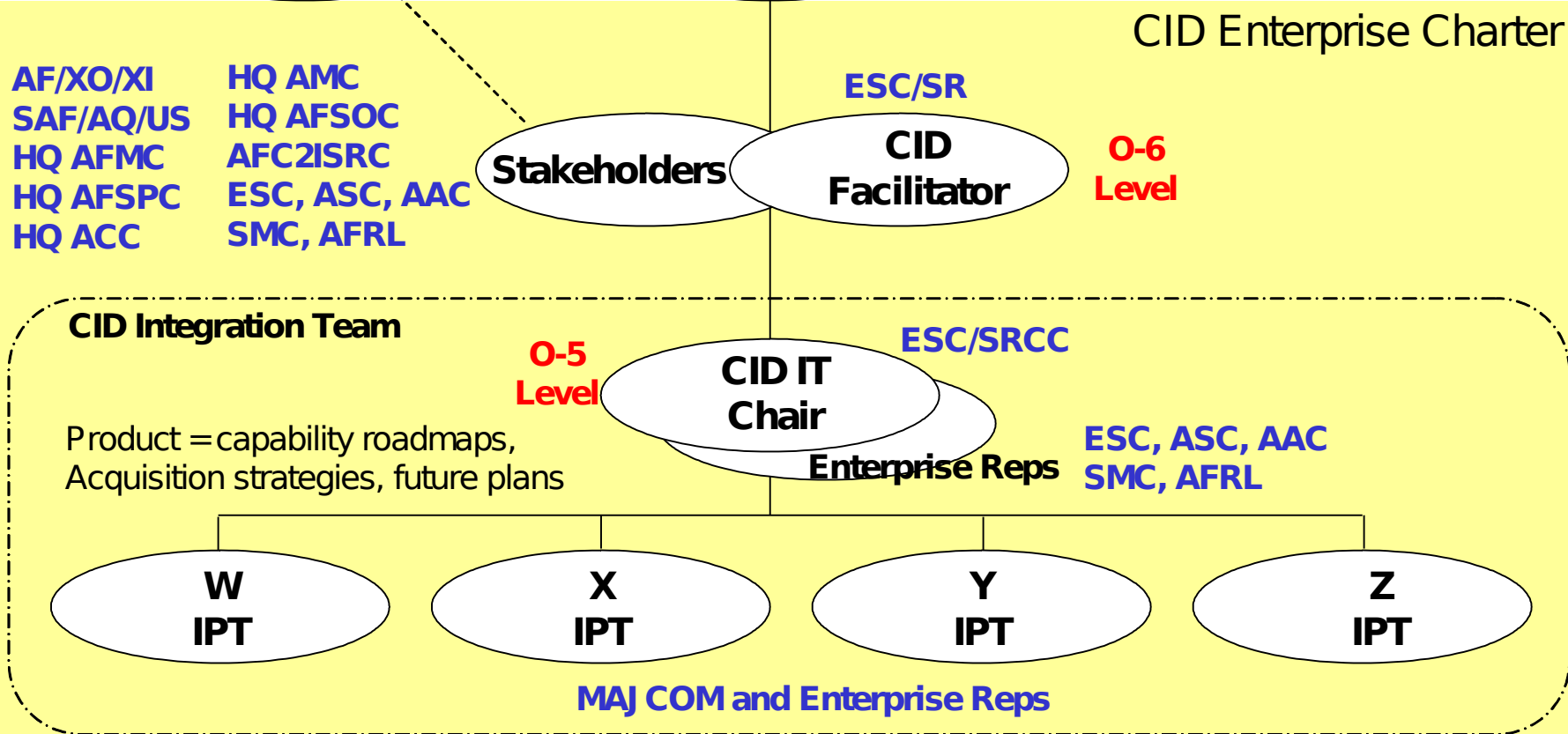
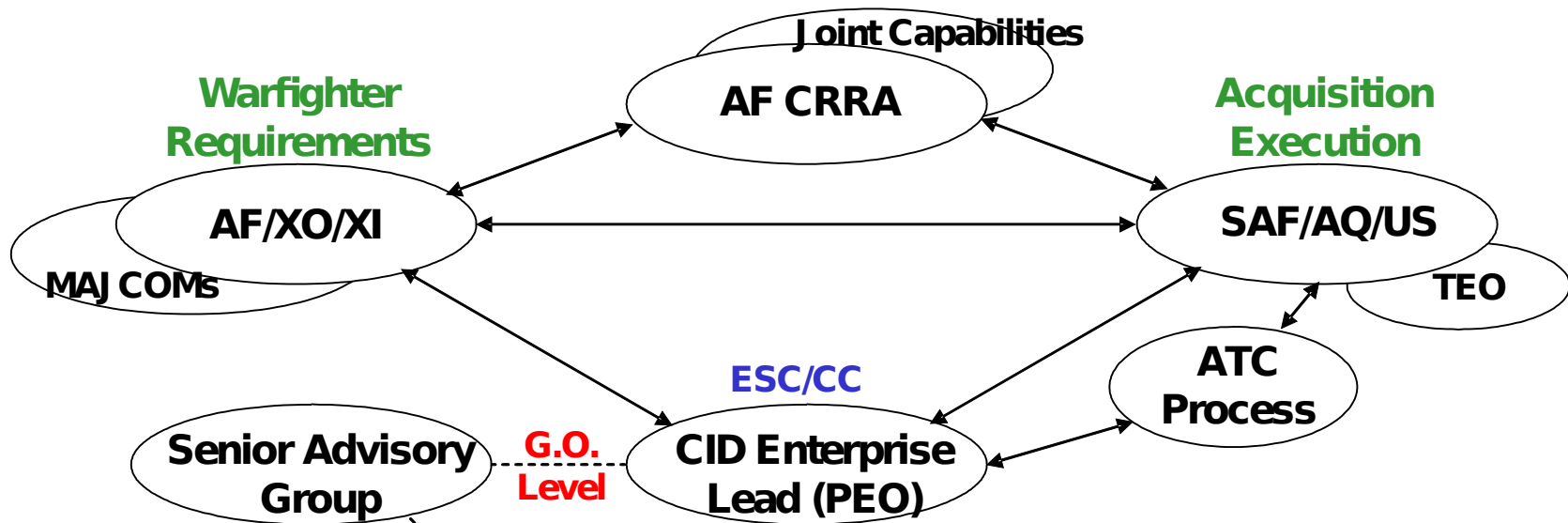
## Cooperative IFF Mark XIIA, Mode 5/S

## Industry Day

## U.S. AIR FORCE

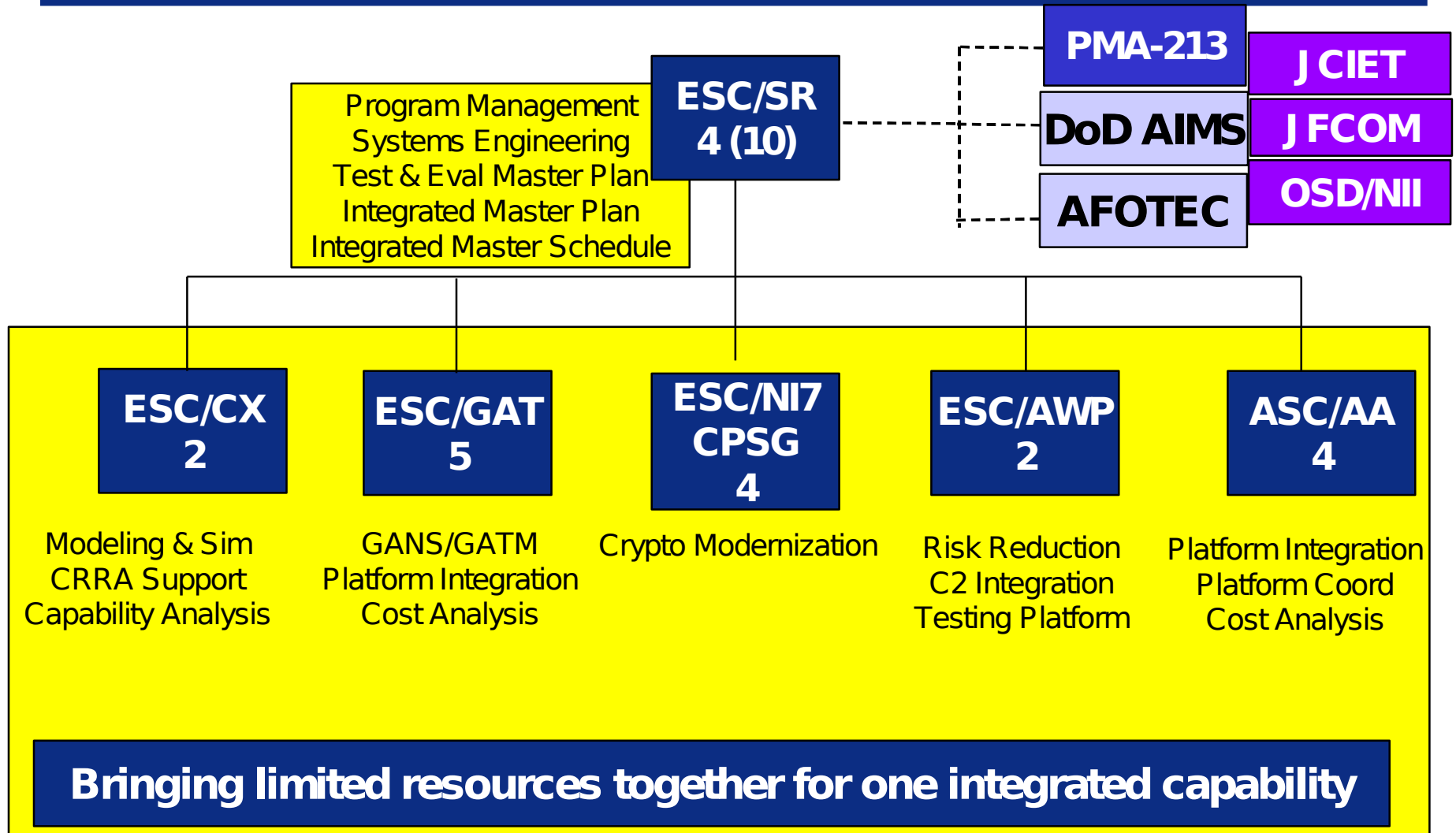
---

ESC/SR  
LtCol William "Tom" Cook  
2 March 2004





# Leverage ESC Expertise





# ***Enterprise Partners***

- **ESC - Manage Integration into Air Force C4ISR**
  - **System Engineering, Integration, Testing and Certification**
  - **GATM catalog for AIMSPO Certified Equipment (Group B)**
- **ASC - Manage Integration onto Aircraft (Group A)**
- **Navy PMA-213 - Mode 5 Lead per J ROC/OSD**
- **Army CEDAC - Mode 5 Lead**
- **MAJ COMS - Prioritize and fund/POM platform upgrades**
- **DoD AIMS PO - Certifies to AIMS 03-1000 Standards**
- **ALCs - Sustainment for non-crypto Mark XIIA aspects**
- **CPSG - Procurement/sustainment for crypto appliqué**
- **NI7 - Development of IFF crypto appliqué**
- **SAF/AQI - Develop AF Mode 5 PMD for overall oversight**



# ***Enterprise Partners (con't)***



## **Roles and Responsibilities**

---

- **ESC/SRC (system of system integration/testing)**
  - **OPR for overall AF fielding for Mark XIIA**
    - **SAMP, TEMP, IMP, IMS, PMR**
  - **Validate system capabilities against CONOPs, TTPs**
  - **Coordinate test plan with developers, test agencies, users**
    - **Navy, J FCOM, MAJ COMs, SPOs, DoD AIMS PO**
    - **J CIET, J ITC, AFOTEC**
- **ESC/GAT (procurement)**
  - **Maintains catalog for certified boxes (Group B)**
  - **AF OPR for meeting GANS/GATM requirements**
  - **Maintain contract vehicle for tech refresh**
- **ASC/AA/SPOs (platform integration/EMI, regression testing)**
  - **Ensure funding and execution oversight**
  - **SPOs buy transponder component from GAT catalog**
  - **Platform integration/certification (Group A) coordinated w/ AIMS PO**



# ***Enterprise Partners (con't)***



## **Roles and Responsibilities**

---

- **DoD AIMSPPO certifies compliance with DoD specs**
  - Boxes at component level
  - Boxes implemented onto aircraft
- **ESC/NI7 (crypto development/testing)**
  - AF Crypto modernization for Mark XIIA
  - AF Crypto development and testing
- **ESC/AWP (C2 platform for AF testing)**
  - Crypto modernization platform for risk reduction
  - Test asset for Navy DT/OT